

CLAIMS

1. A method of manufacturing a superconducting wire (1), comprising the steps of:

5 drawing a wire (1a) formed by coating raw material powder (2a) for a superconductor with a metal (3a) (S6),
rolling said wire (1a) after said step of drawing (S6) (S8), and
sintering said wire (1a) after said step of rolling (S8) (S10),
wherein at least one of an interval between said step of drawing (S6) and said
10 step of rolling (S8) and an interval between said step of rolling (S8) and said step of sintering (S10) is less than seven days.

2. The method of manufacturing a superconducting wire (1) according to claim 1, wherein said wire (1a) is held at a temperature of not less than 80°C in said interval of
15 less than seven days.

3. A method of manufacturing a superconducting wire (1), comprising the steps of:

20 drawing a wire (1a) formed by coating raw material powder (2a) for a superconductor with a metal (3a) (S6),
rolling said wire (1a) n times (n is an integer not less than 2) (S8, S12), and
sintering said wire (1a) n times (S10, S14),
wherein the step of first rolling (S8) in said step of rolling said wire (1a) n times (S8, S12) is performed after said step of drawing (S6),
25 the step of first sintering (S10) in said step of sintering said wire (1a) n times (S10, S14) is performed after said step of the first rolling (S8),
the step of k-th (k is an integer satisfying $n \geq k \geq 2$) rolling in said step of rolling said wire (1a) n times (S8, S12) is performed after the step of (k-1)-th sintering in said

step of sintering said wire (1a) n times,

the step of k-th sintering in said step of sintering said wire (1a) n times (S10, S14) is performed after the step of the k-th rolling in said step of rolling said wire (1a) n times (S8, S12), and

5 at least one of an interval between said step of drawing (S6) and said step of the first rolling (S8), an interval between said step of the first rolling (S8) and said step of the first sintering (S10), an interval between said step of the (k-1)-th sintering and said step of the k-th rolling, and an interval between said step of the k-th rolling and said step of the k-th sintering is less than seven days.

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4. The method of manufacturing a superconducting wire (1) according to claim 3, wherein said wire (1a) is held at a temperature of not less than 80°C in said interval of less than seven days.

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